What is claimed is:

1. A data decoding apparatus, comprising:

an additional data detecting means for detecting additional data from an encoded data stream including encoded data and additional data;

an additional data deleting means for deleting said additional data from said encoded data stream,

an additional data flag generating means for generating an additional data flag indicating a type and a position of said detected additional data based on said detection result, and

a decoding means for carrying out predetermined processing with respect to the encoded data stream from which said additional data is deleted based on said generated additional data flag and performing to decode the encoded data stream.

2. A decoding apparatus as set forth in claim 1, wherein said additional data flag generating means selects additional data required in the decoding in said decoding means from said detected additional data and generates said additional data flag with respect to only the related selected additional data.

3. A decoding apparatus as set forth in claim 2, wherein;

said encoded data is encoded data utilizing a

differential value from predetermined reference data,

said additional data is control data for
resetting said reference data, and

said decoding means resets the reference data

5   at a predetermined position specified by said additional

data flag with respect to said encoded data stream and

decodes the encoded data utilizing said differential

value.

4.   A decoding apparatus as set forth in claim 3,

10   wherein;

said encoded data stream is a data stream

obtained by processing a desired still image for every

predetermined unit area by discrete cosine

transformation, quantization, variable length coding,

15   insertion of predetermined additional data, and

transformation to a series of fixed length data having a

predetermined bit length, and

said decoding means extracts said variable

length coded data from said data stream, decodes said

20   encoded data by variable length decoding, and restores

the series of the discrete cosine transformed and

quantized data.

5.   A decoding method, comprising the steps of:

detecting additional data from an encoded data

25   stream including encoded data and additional data;

deleting said additional data from said encoded
data stream, generating an additional data flag
indicating a type and a position of said detected
additional data based on said detection result; and

5    carrying out predetermined processing with
respect to the encoded data stream from which said
additional data is deleted based on said generated
additional data flag to decode the encoded data stream.

  6. A decoding method as set forth in claim 5,

10 wherein said generation of additional data flag comprises
selecting additional data required in the decoding from
said detected additional data and generating said
additional data flag with respect to only the related
selected additional data.

15  7. A decoding method as set forth in claim 6,
wherein;

    said encoded data is encoded data utilizing a
differential value from predetermined reference data,

    said additional data is control data for

20 resetting said reference data, and

    said decoding comprises the steps of

      resetting the reference data at a
predetermined position specified by said additional data
flag with respect to said encoded data stream, and

25      decoding the encoded data utilizing said

differential value.

8.    A decoding method as set forth in claim 7, wherein:

said encoded data stream is a data stream

5  obtained by processing a desired still image for every predetermined unit area by discrete cosine transformation, quantization, variable length coding, insertion of predetermined additional data, and transformation to a series of fixed length data having a

10  predetermined bit length, and

said decoding comprises the steps of

extracting said variable length coded data from said data stream,

decoding the related encoded data by

15  variable length decoding, and

restoring the series of the discrete cosine transformed and quantized data.